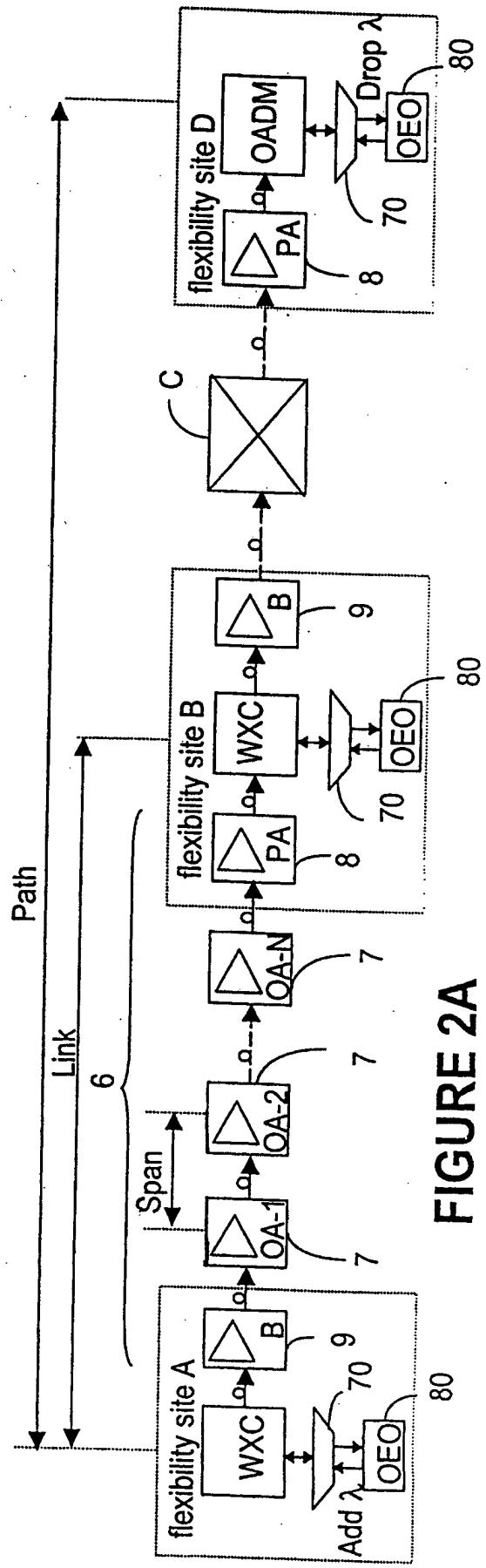
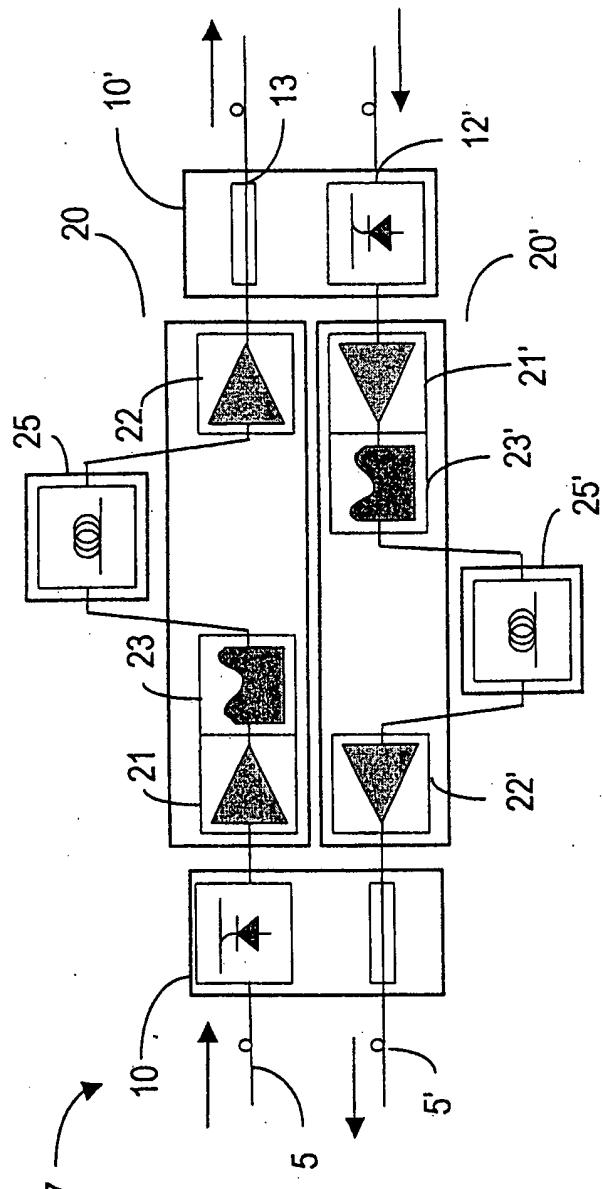


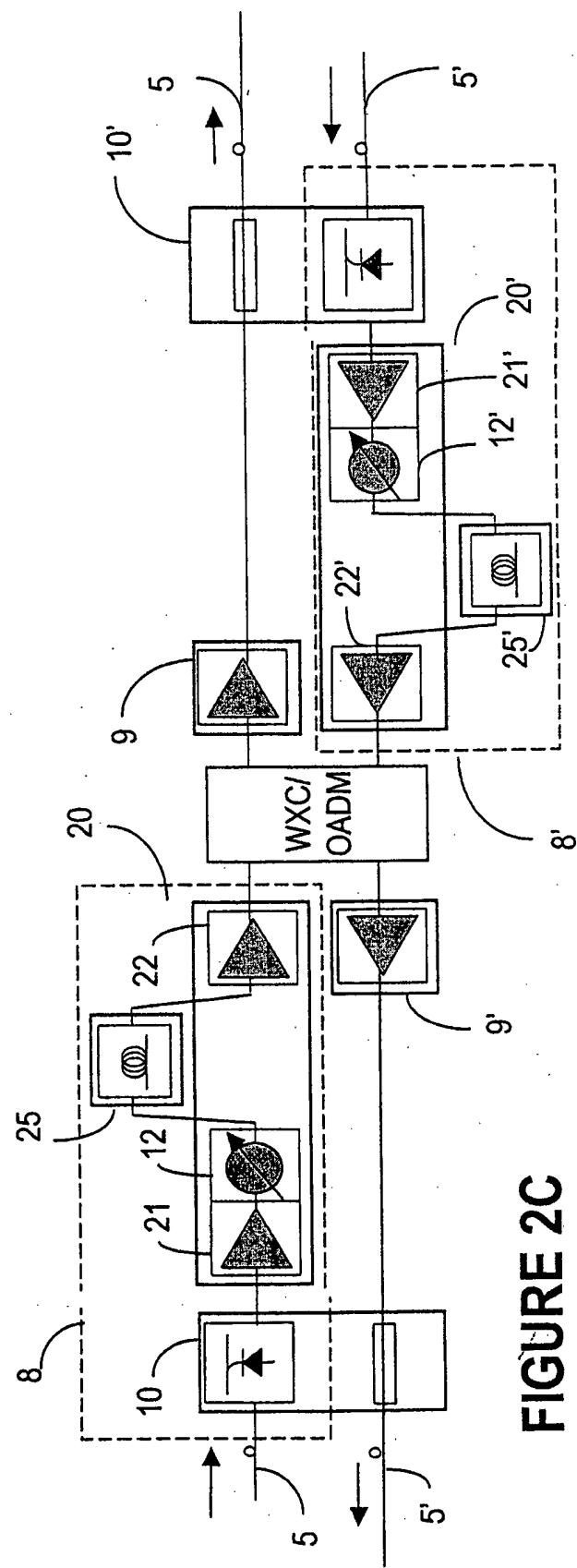
## FIGURE 1



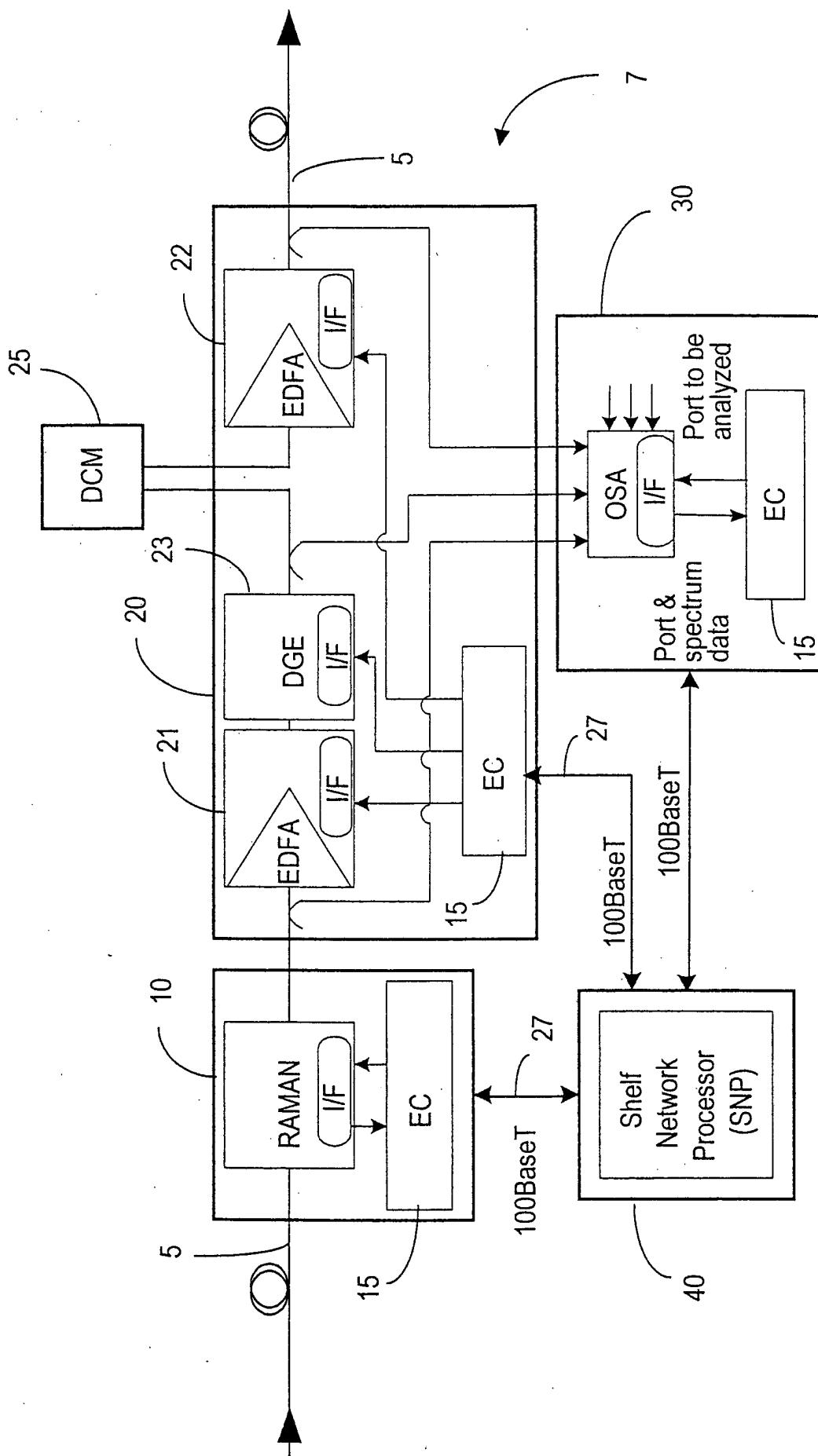
## FIGURE 2A



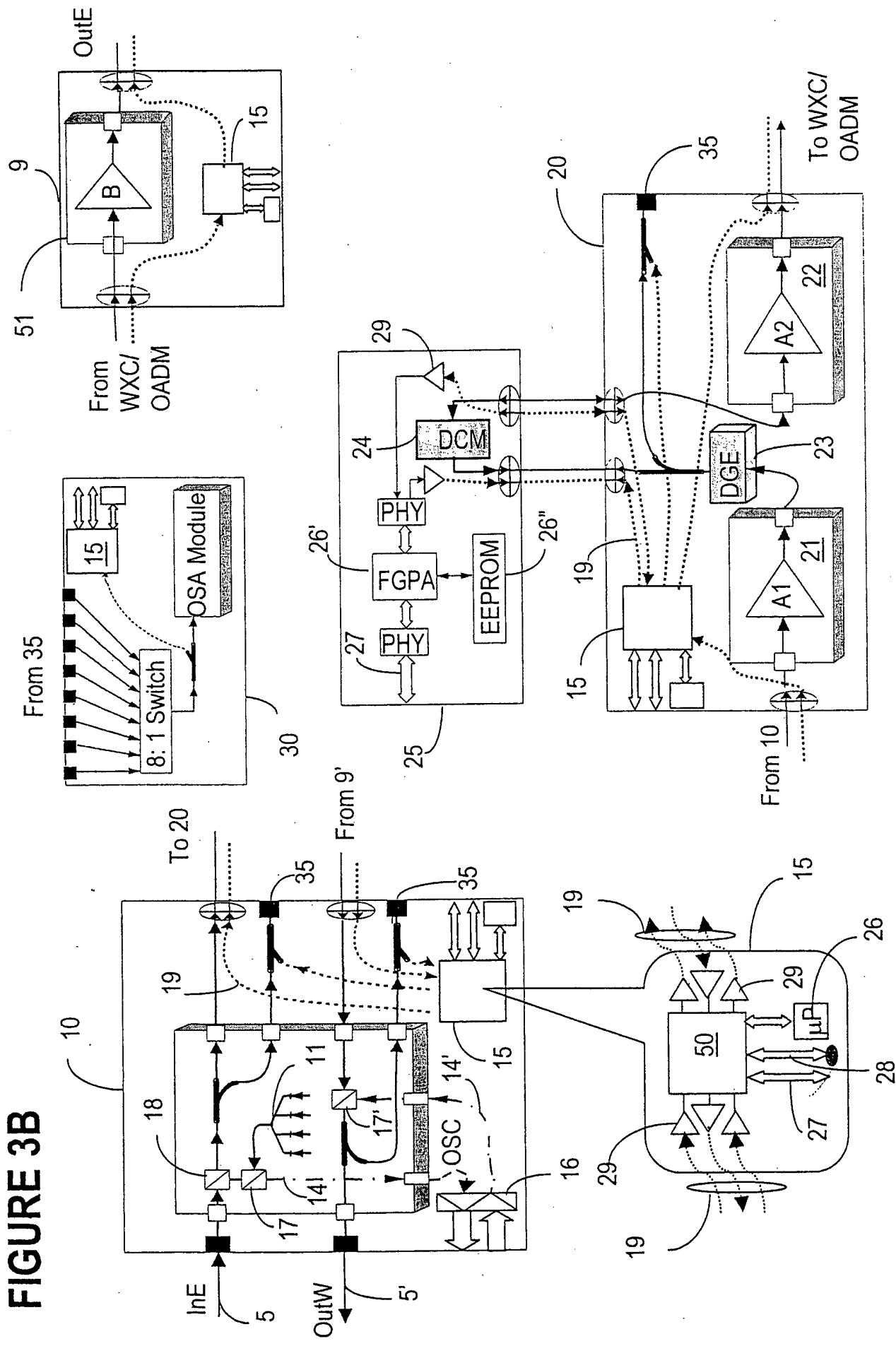
## FIGURE 2B

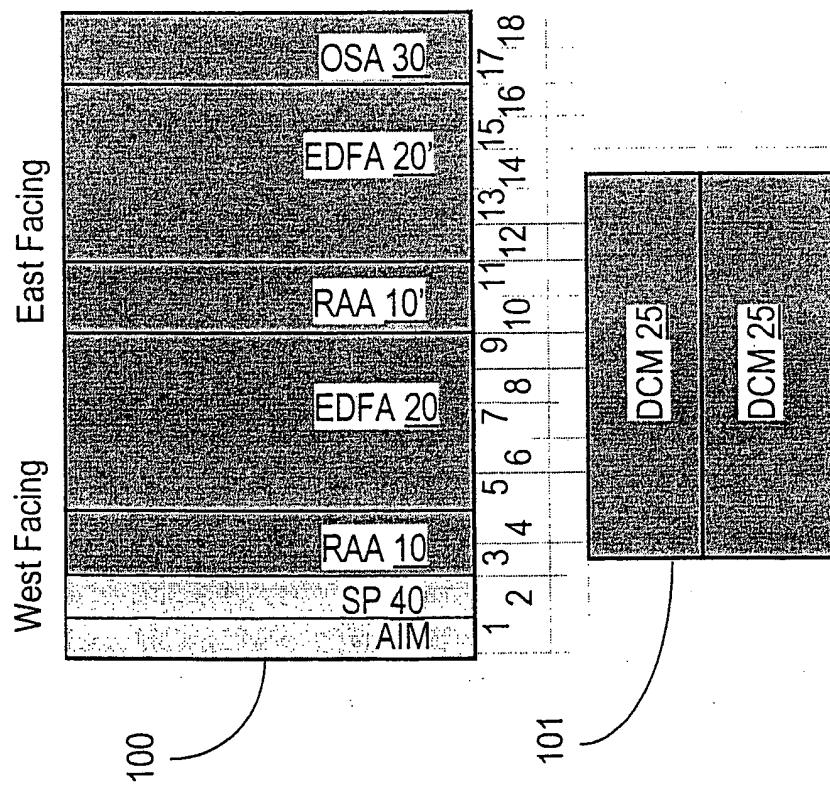


## FIGURE 2C



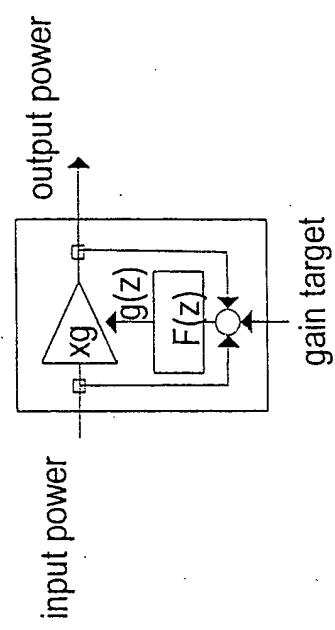
### FIGURE 3A

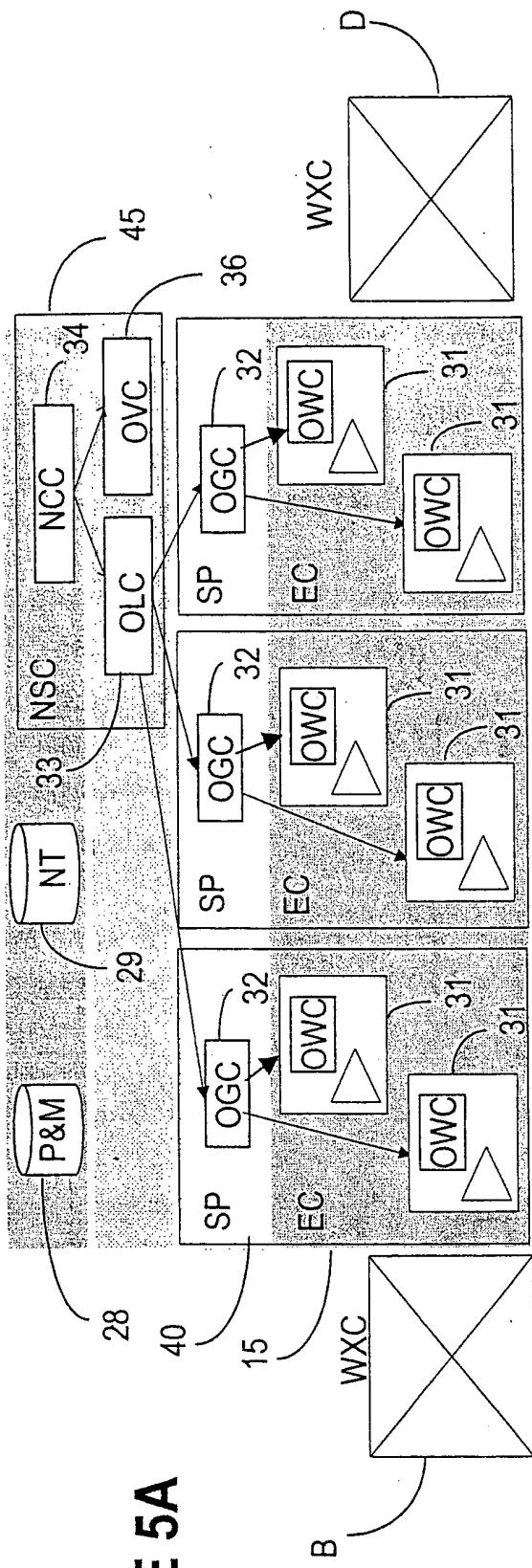
**FIGURE 3B**



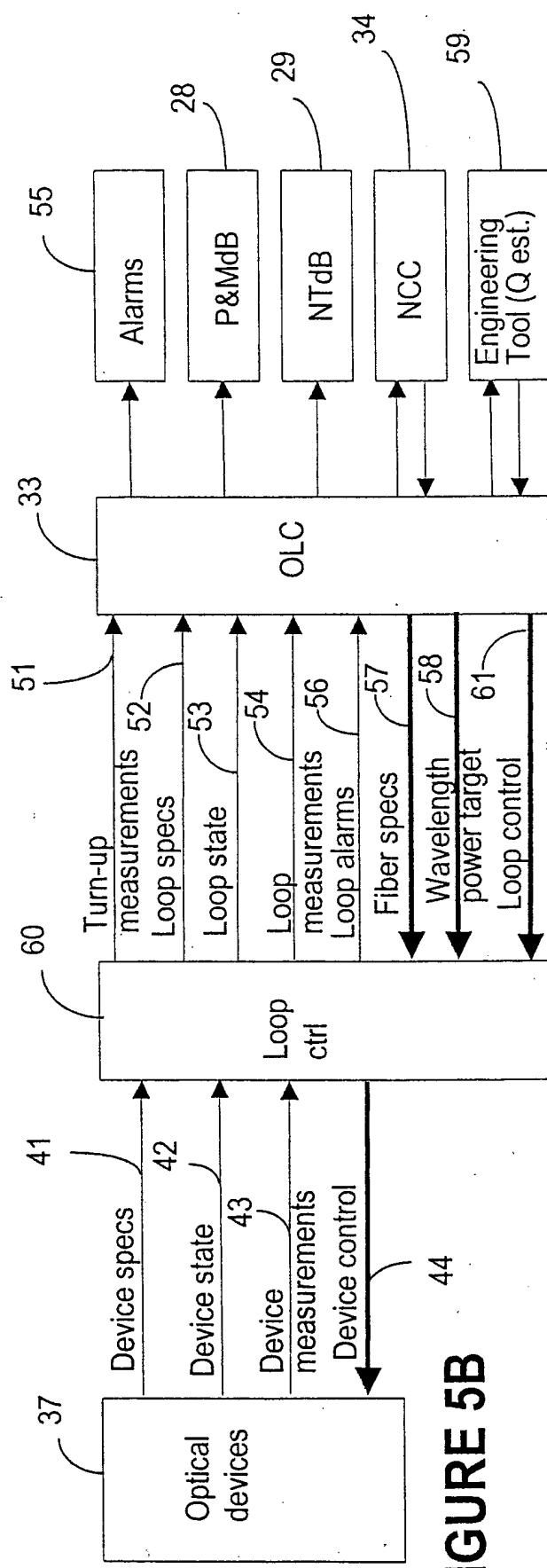
**FIGURE 4**

**FIGURE 6A**



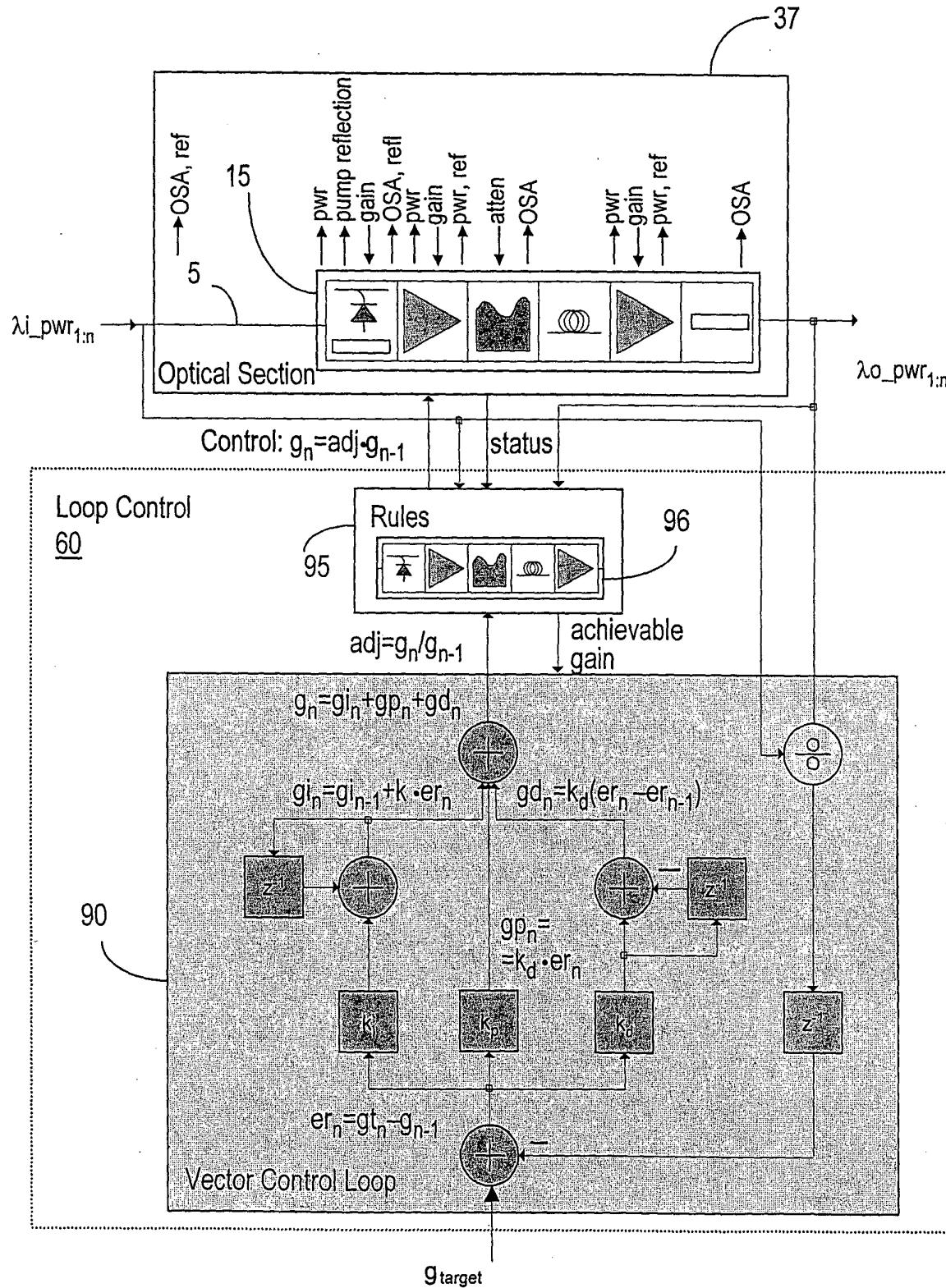


**FIGURE 5A**



**FIGURE 5B**

# FIGURE 6B



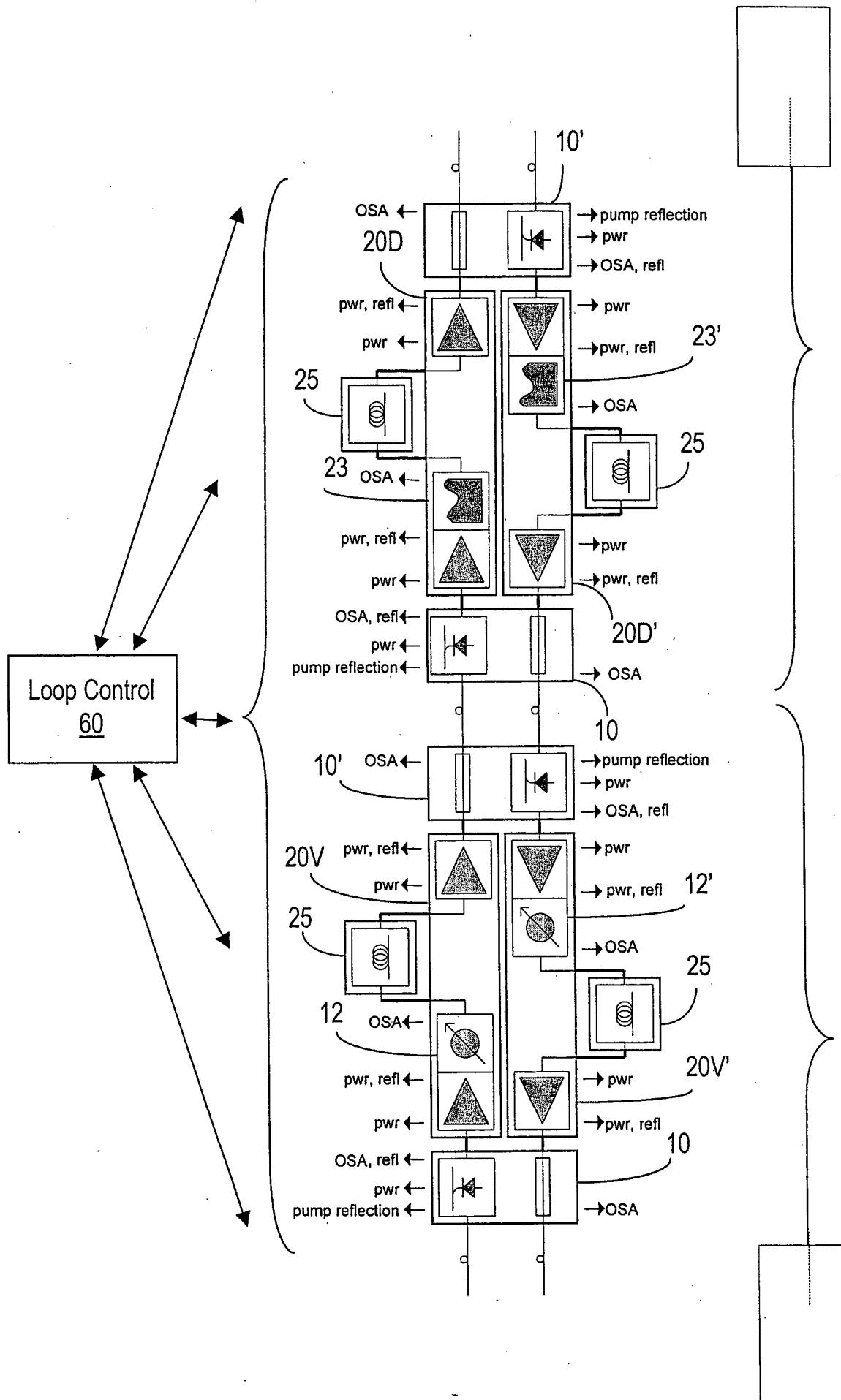


FIGURE 6C

**FIGURE 6D**

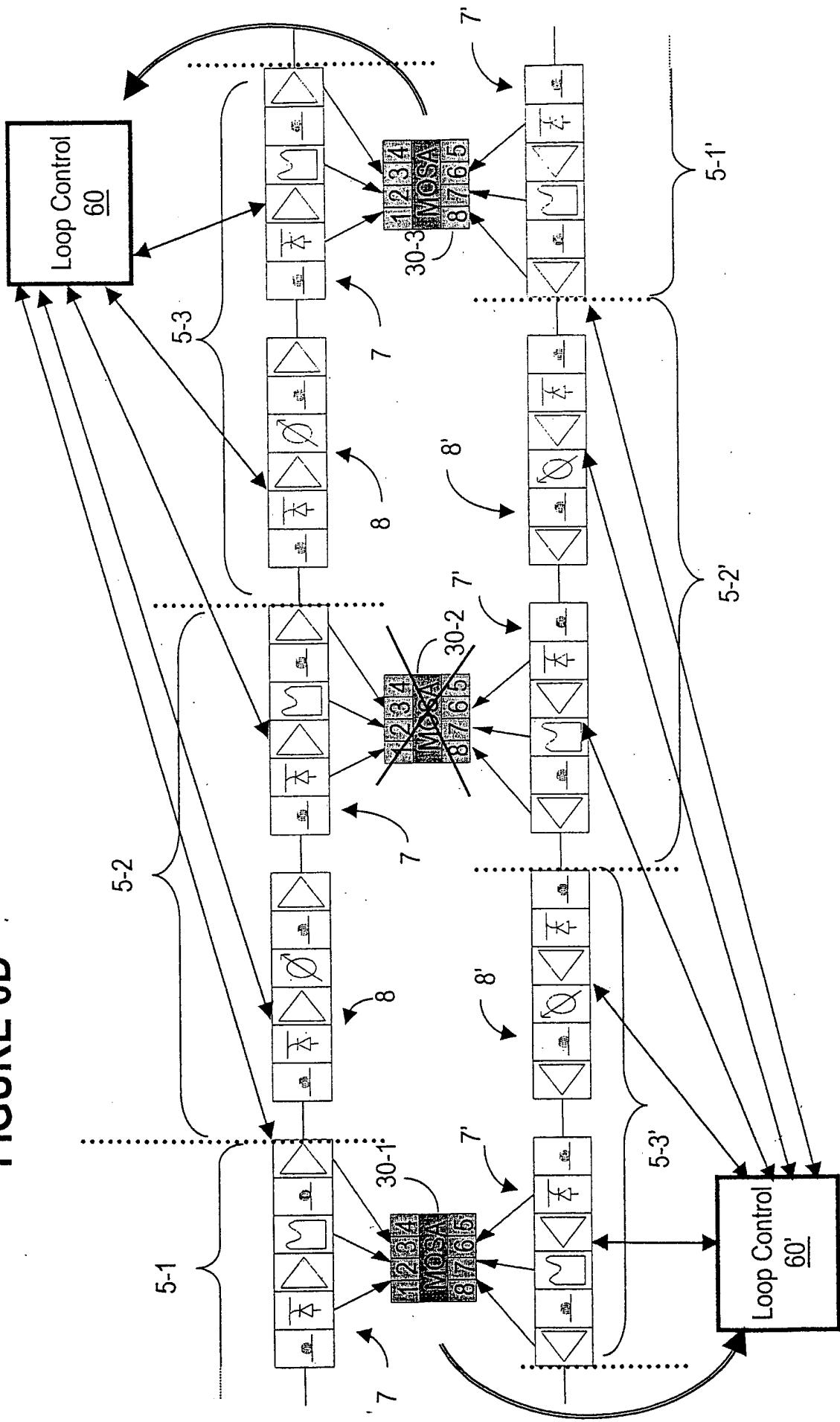
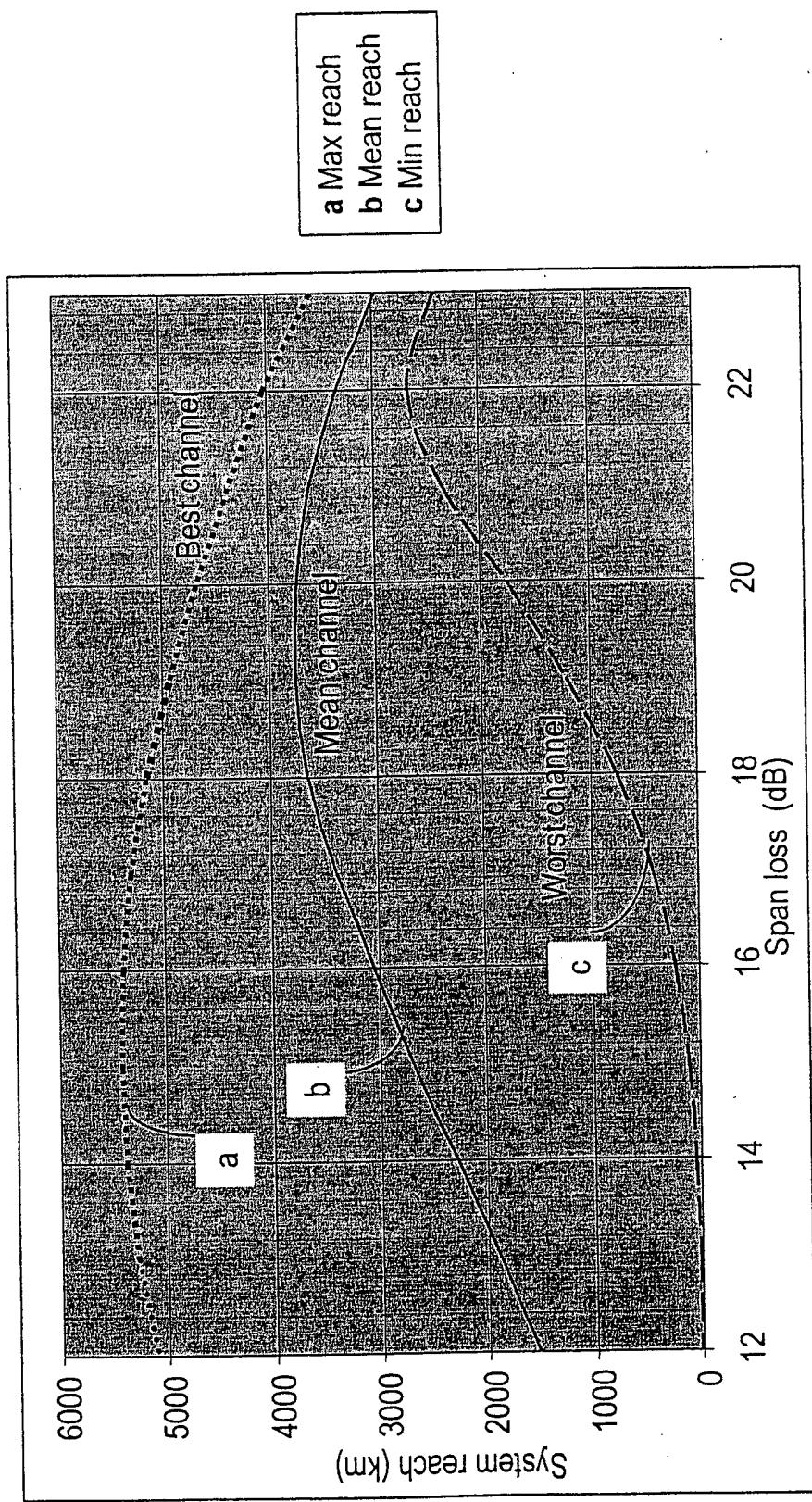
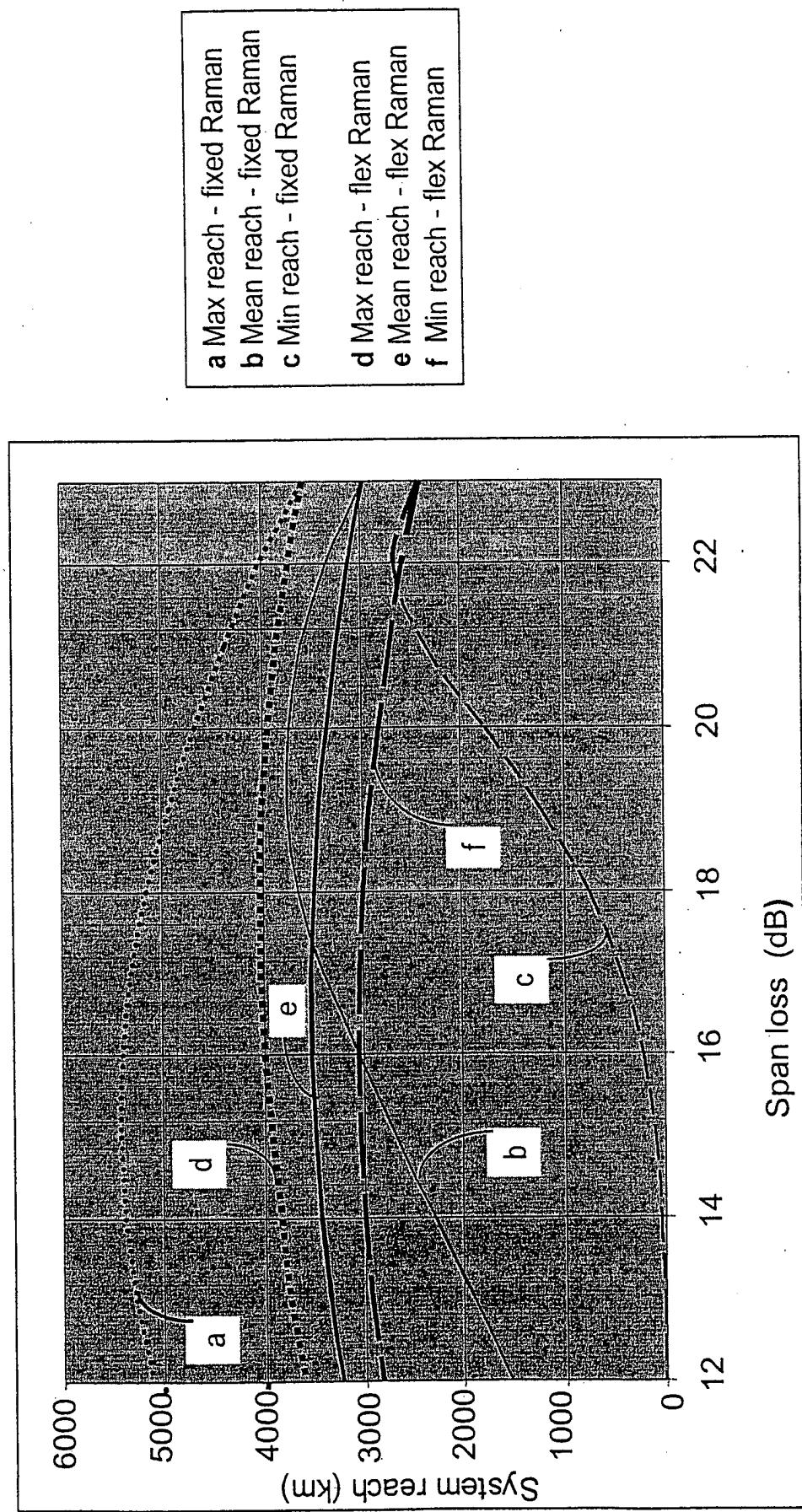


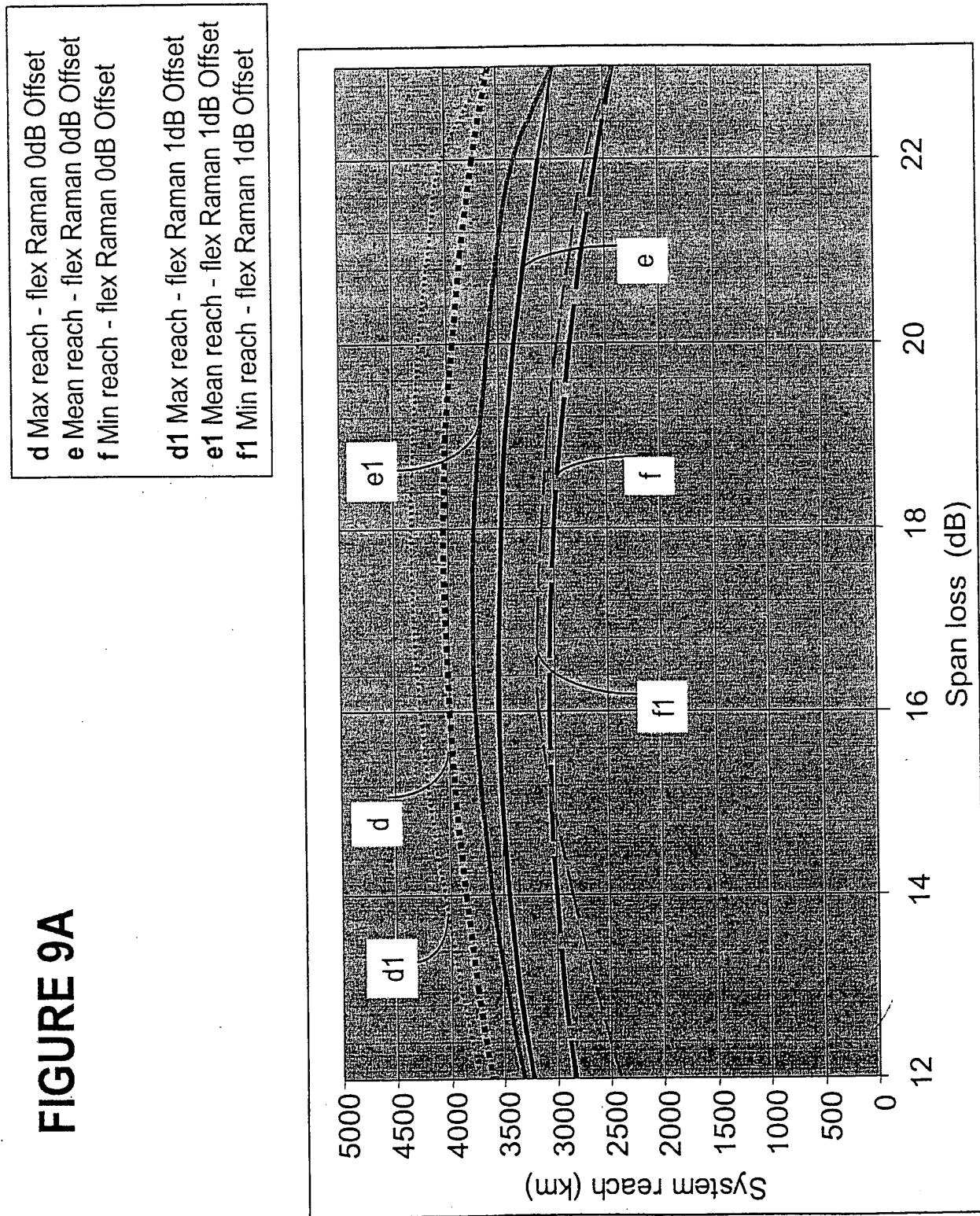
FIGURE 7



**FIGURE 8**



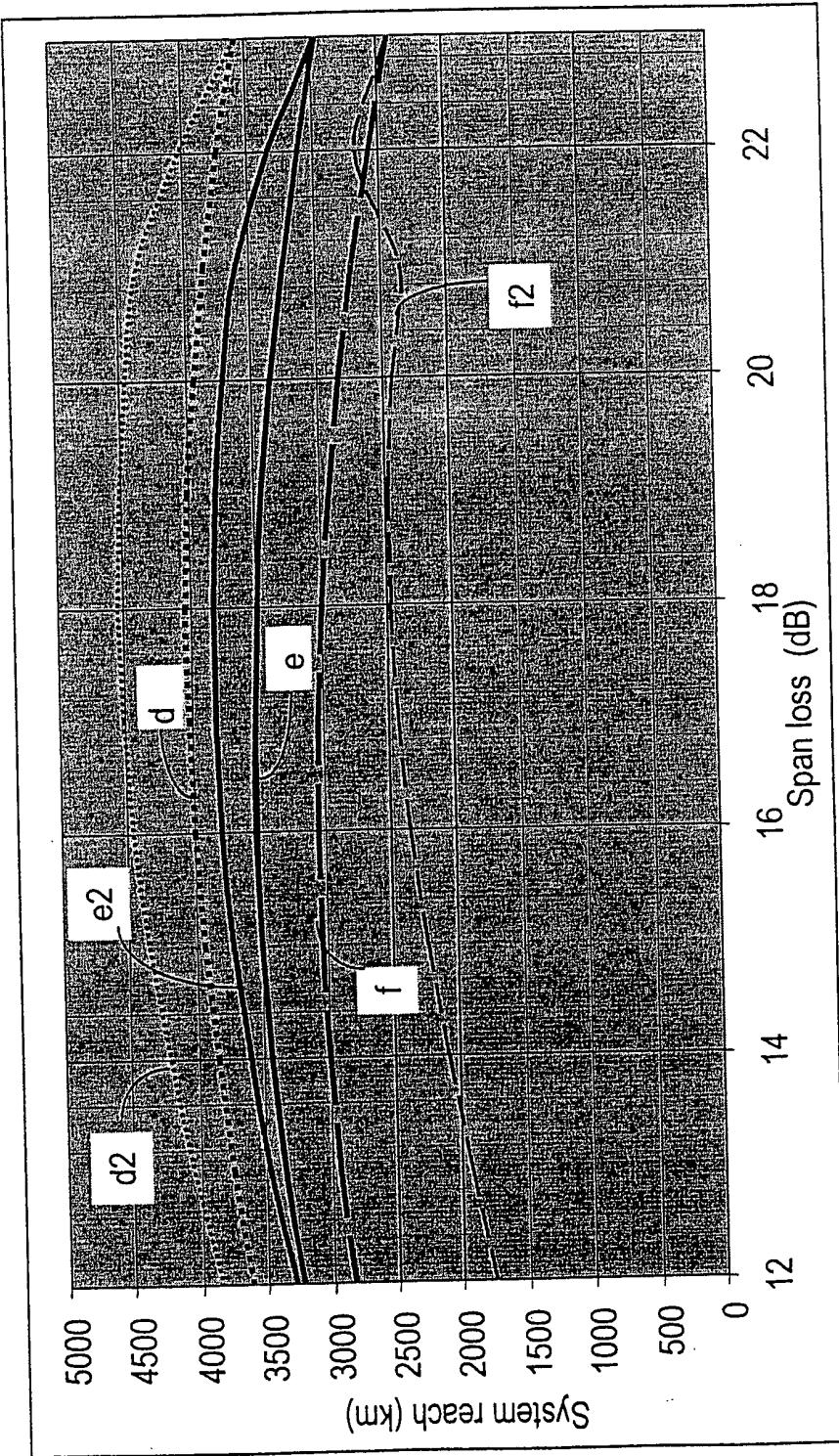
# FIGURE 9A



## FIGURE 9B

**d** Max reach - flex Raman 0dB Offset  
**e** Mean reach - flex Raman 0dB Offset  
**f** Min reach - flex Raman 0dB Offset

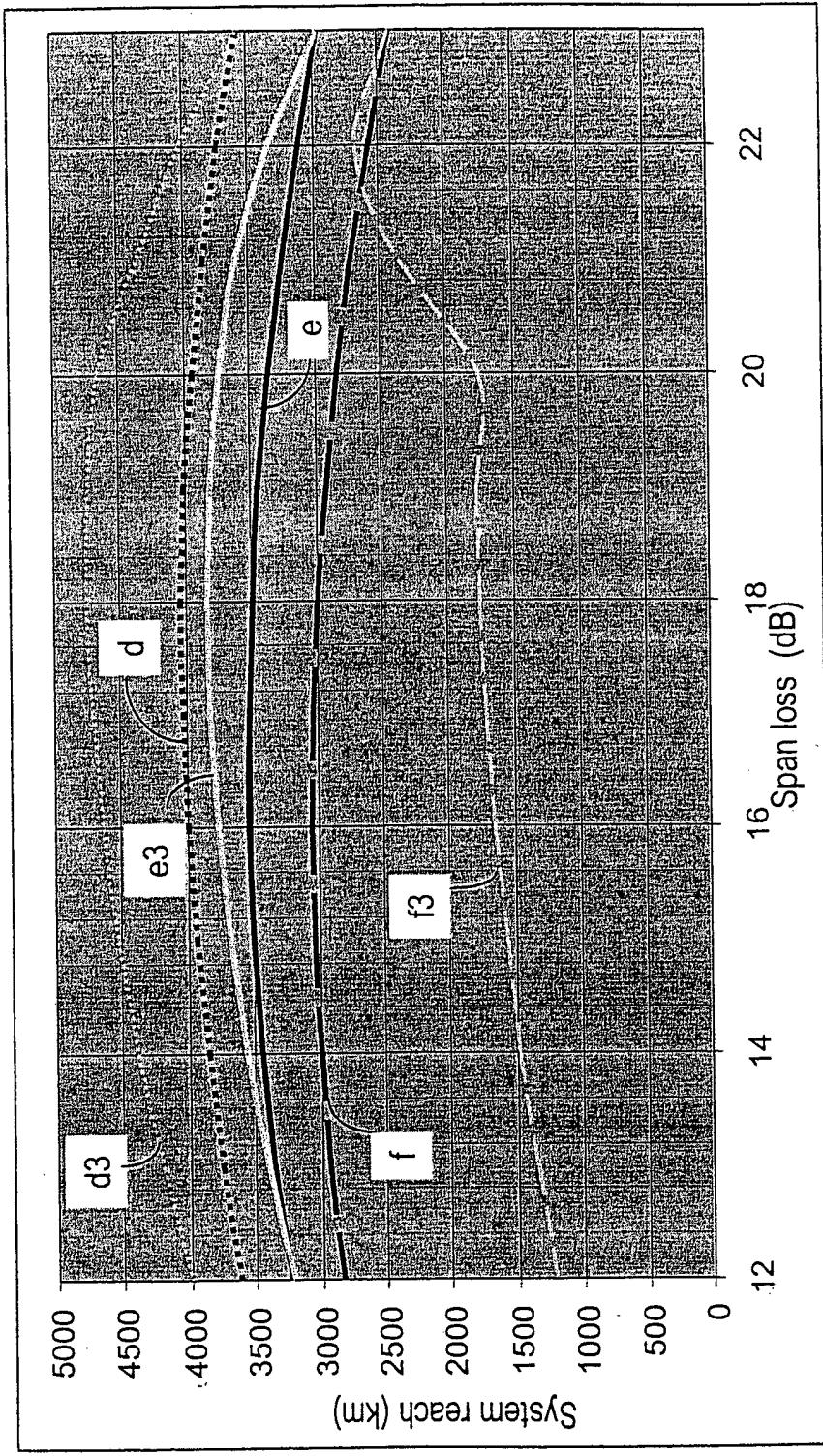
**d2** Max reach - flex Raman 2dB Offset  
**e2** Mean reach - flex Raman 2dB Offset  
**f2** Min reach - flex Raman 2dB Offset

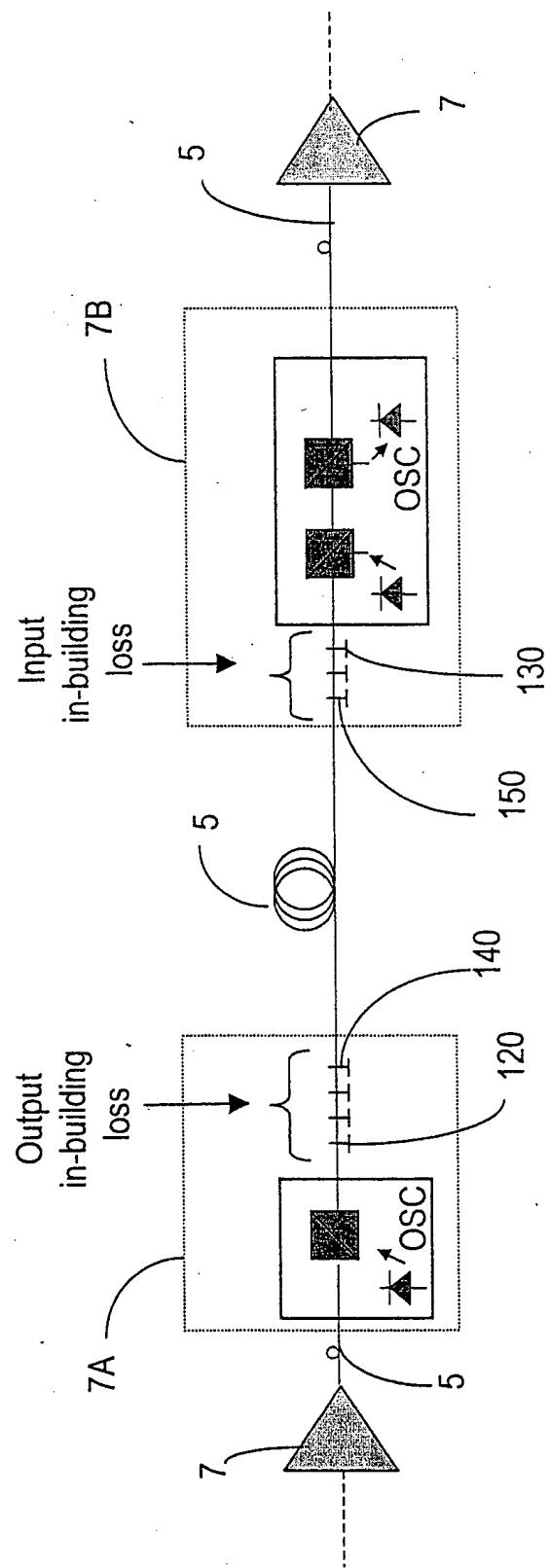


## FIGURE 9C

**d** Max reach - flex Raman 0dB Offset  
**e** Mean reach - flex Raman 0dB Offset  
**f** Min reach - flex Raman 0dB Offset

**d3** Max reach - flex Raman 3dB Offset  
**e3** Mean reach - flex Raman 3dB Offset  
**f3** Min reach - flex Raman 3dB Offset





**FIGURE 10**